



Sheet 1 of 13
 Appl. No. 09/937,604; § 371 Date: Sep 26, 2001
 Dkt No. 1530.0310002/EKS/EJH/ALS; Group Unit: 1621
 Inventor: Carl J. Wheeler
 Tel. No.: 202-371-2600
 For: Adjuvant Compositions and Methods for
 Enhancing Immune Responses to Polynucleotide-
 Based Vaccines

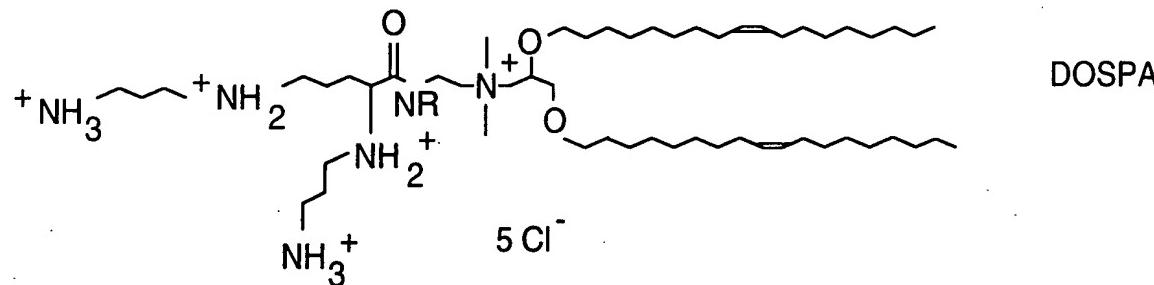
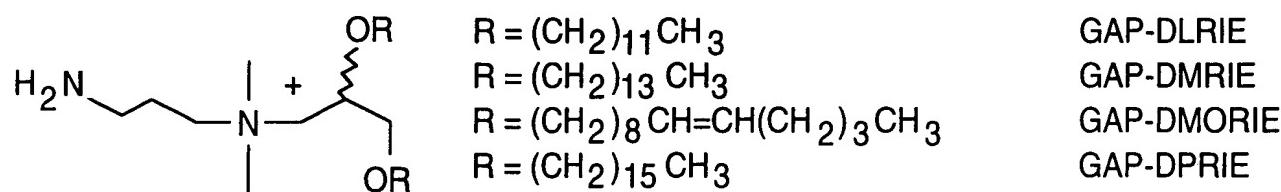
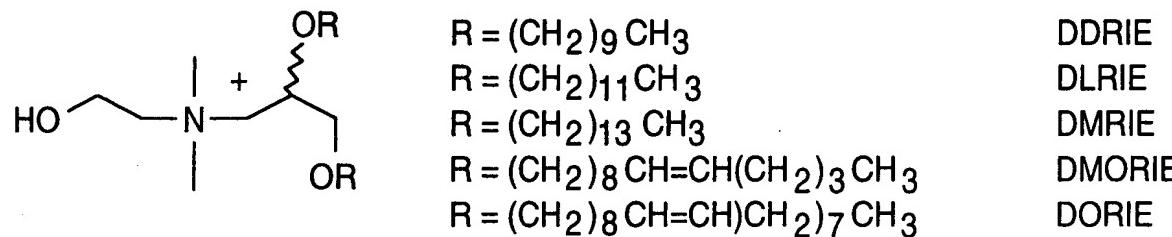
Plasmid	Leader	Gene	Promoter	Enhancer	Intron	Terminator
VR4700	tissue plasminogen activator	influenza A/PR/8/34 nucleoprotein	CMV	CMV	CMV-A	mRBG
VR5900	hen egg lysozyme	hen egg lysozyme	CMV	CMV	CMV-A	mRBG
VR1412	not secreted	E. coli Lac Z	CMV	CMV	CMV-A	BGH
VR1623	mouse immunoglobulin	mouse Ig/humanFc	CMV	CMV	CMV-A	BGH
VR1904	human factor IX	human factor IX	CMV	CMV	CMV-A	BGH

FIG. 1



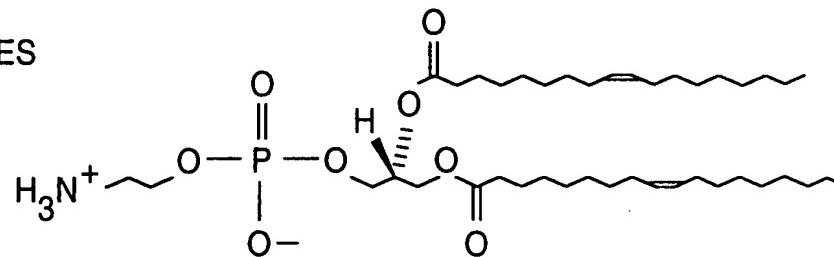
Sheet 2 of 13
Appl. No. 09/937,604; § 371 Date: Sep 26, 2001
Dkt No. 1530.0310002/EKS/EJH/ALS; Group Unit: 162
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Tel. No.: 202-371-2600
**For: Adjuvant Compositions and Methods for
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CYTODELIVERY SYSTEMS

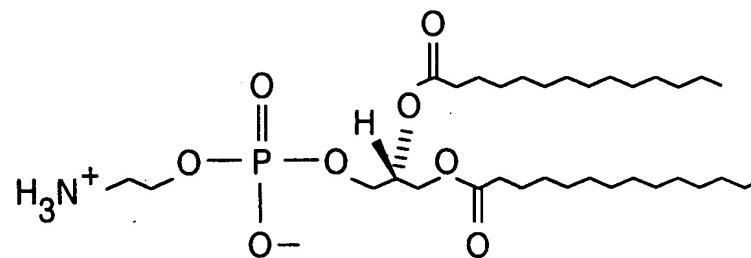


CO-LIPID STRUCTURES

DOPE



DMPE



DPvPE

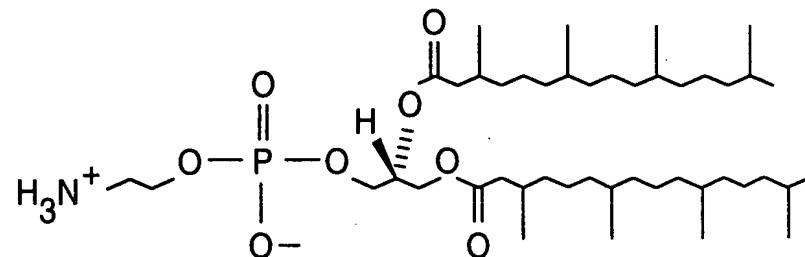


FIG. 2



Sheet 3 of 13
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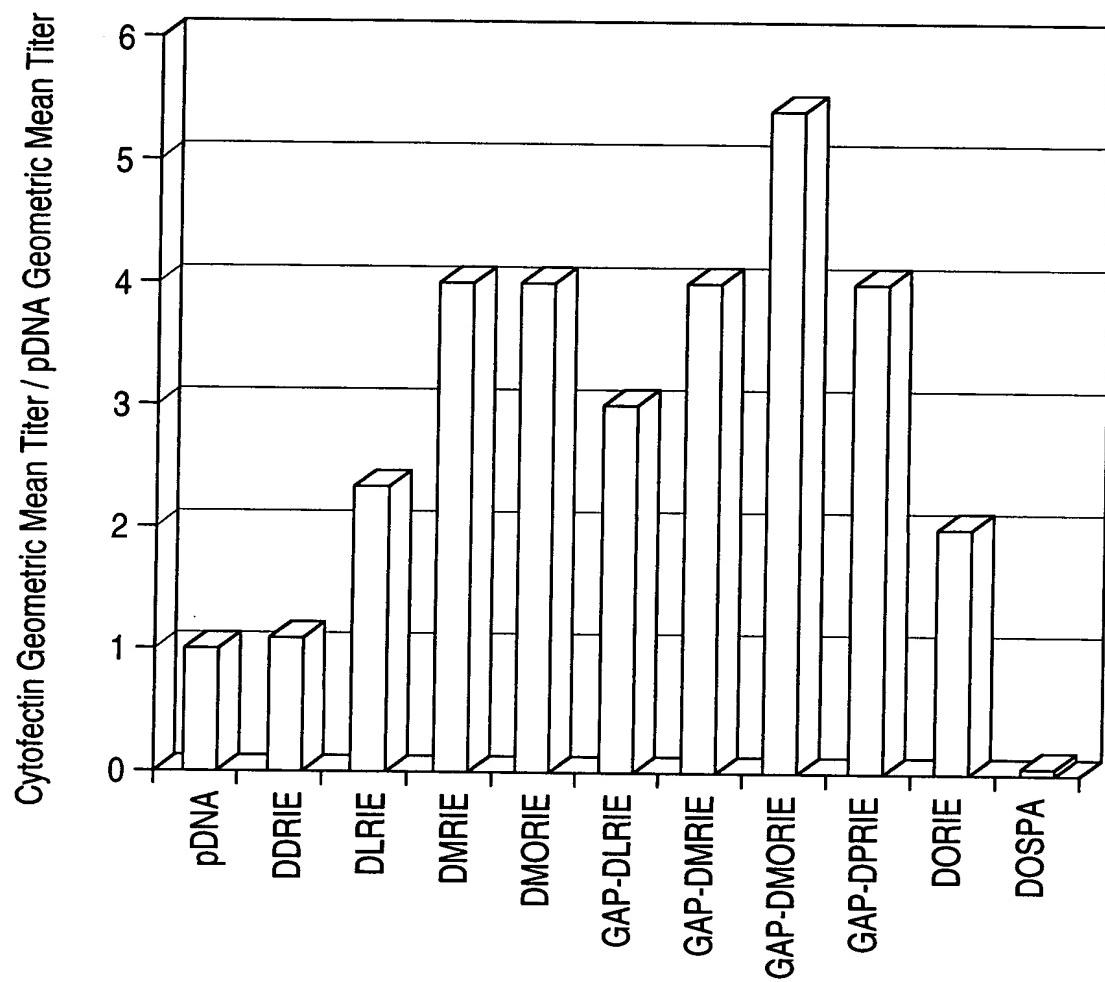


FIG. 3



FIG. 4

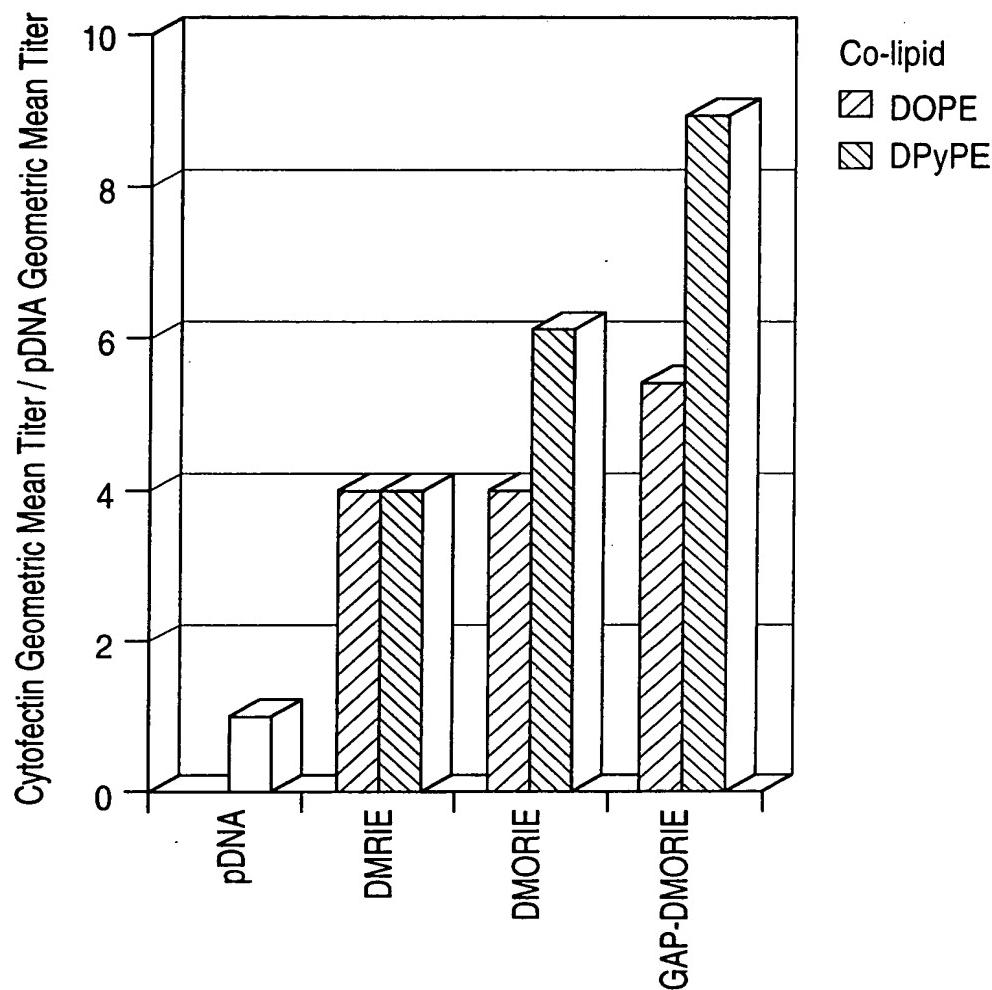
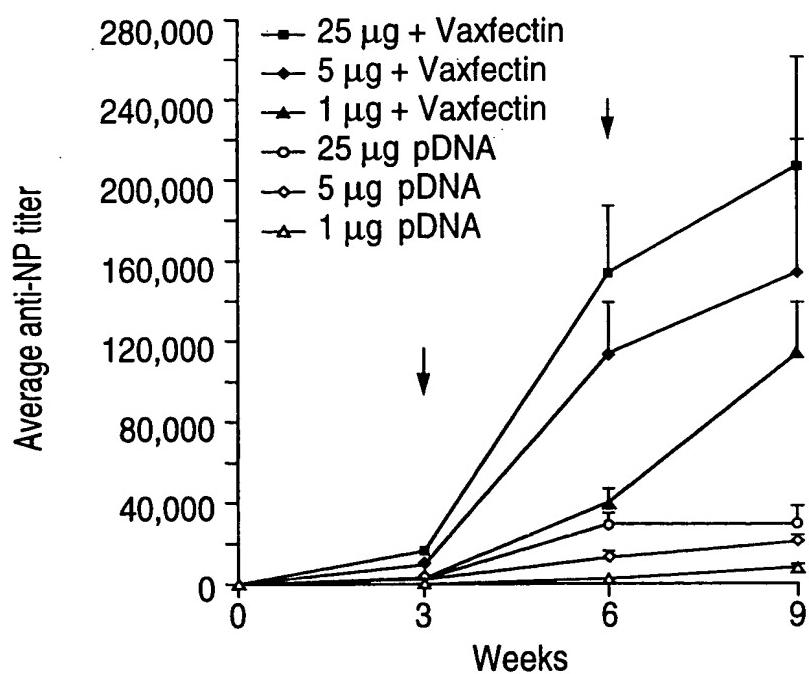
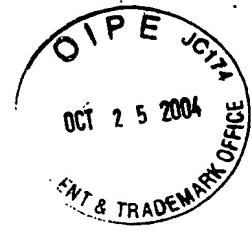


FIG. 5





Sheet 5 of 13
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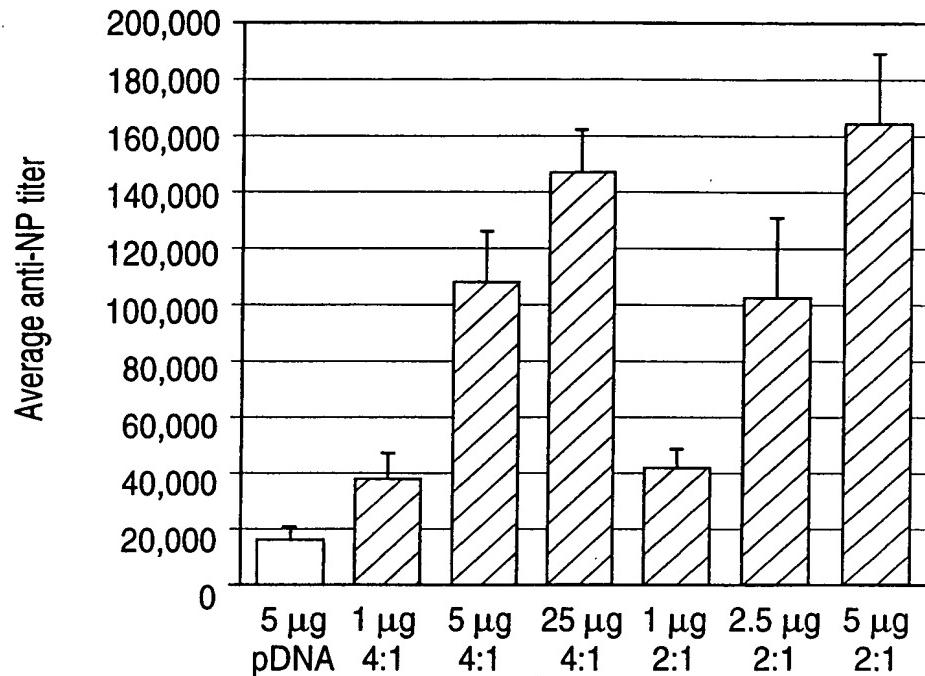


FIG. 6A

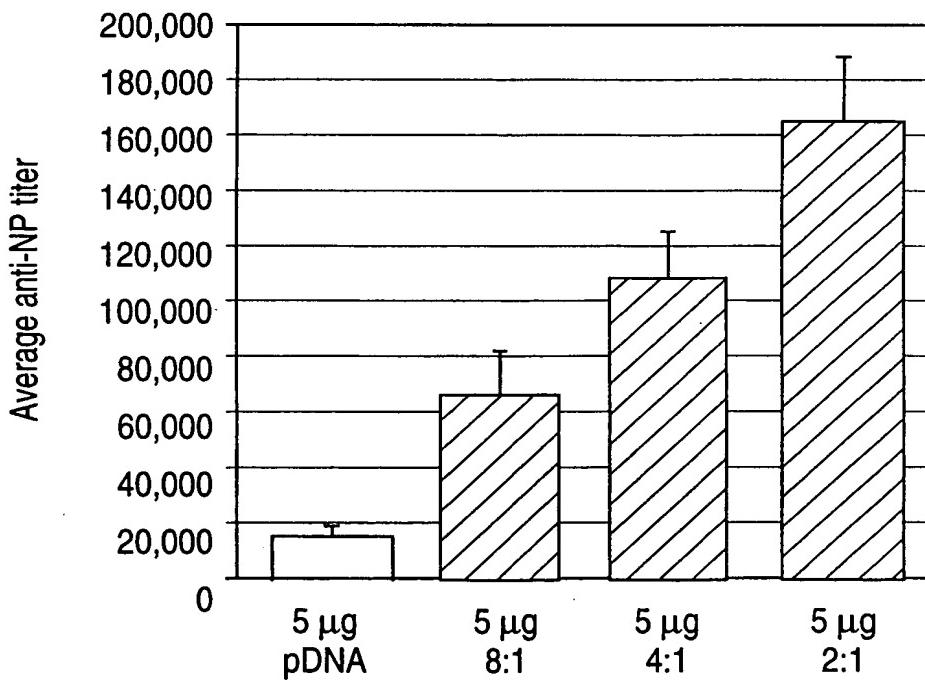


FIG. 6B



Sheet 6 of 13
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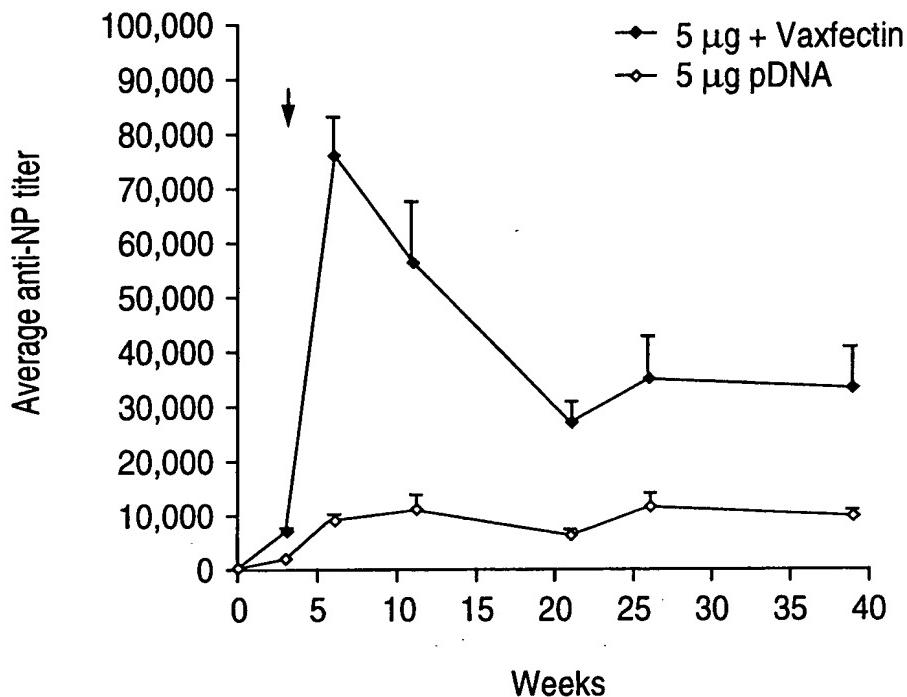


FIG. 7A

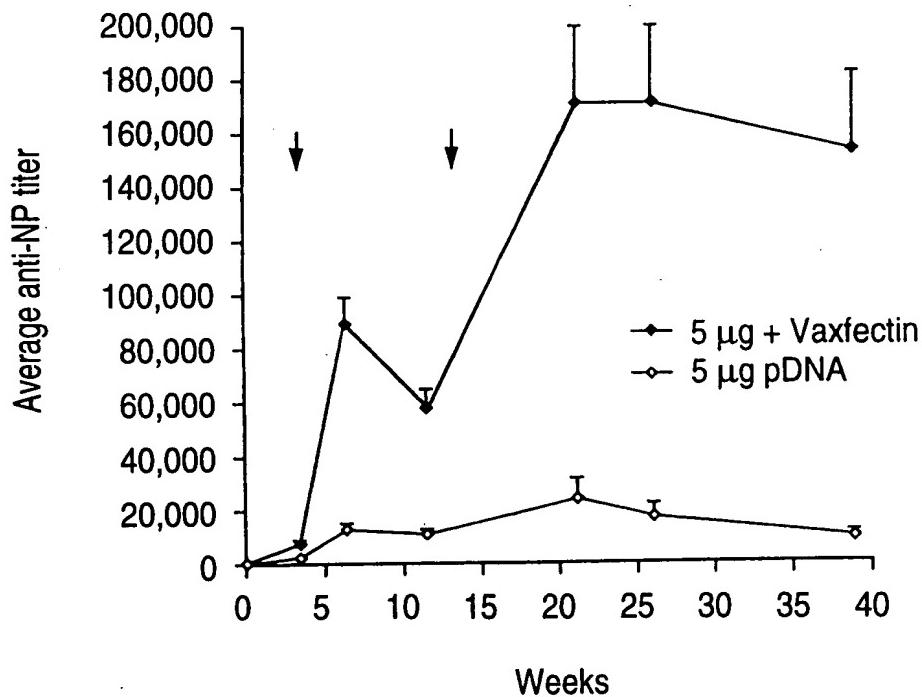


FIG. 7B



Sheet 7 of 13
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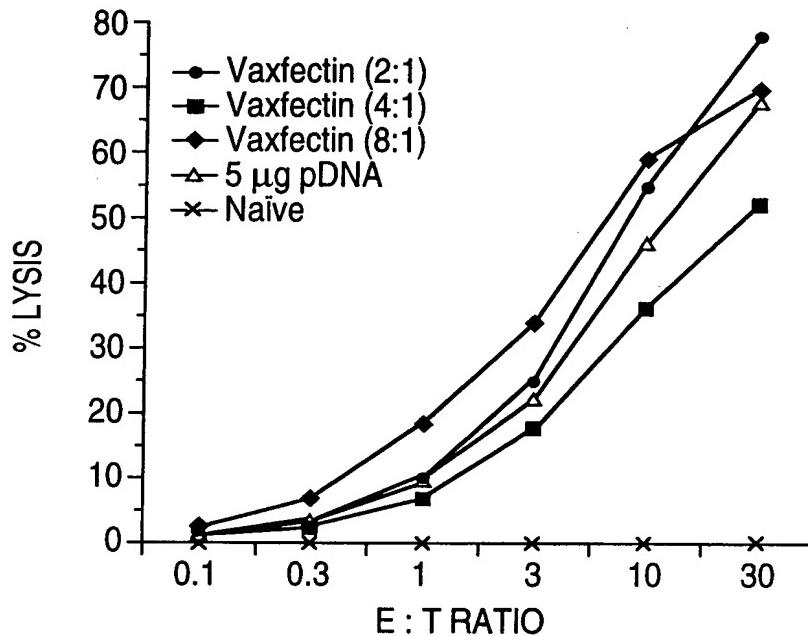


FIG. 8A

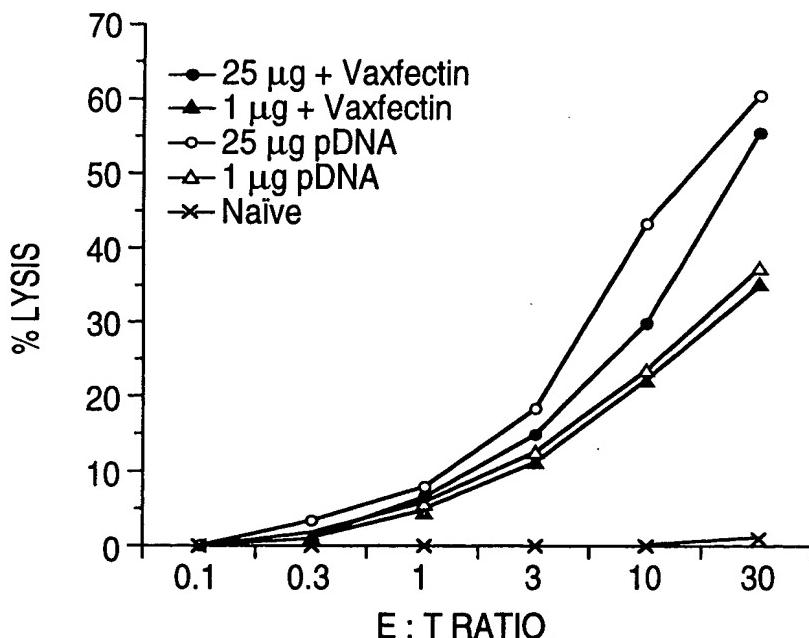


FIG. 8B



Sheet 8 of 13
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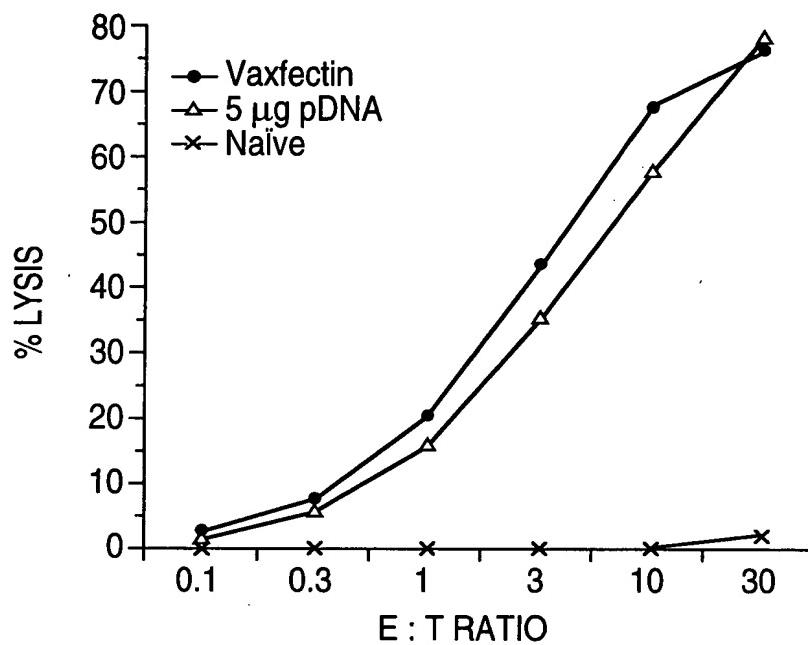


FIG. 8C

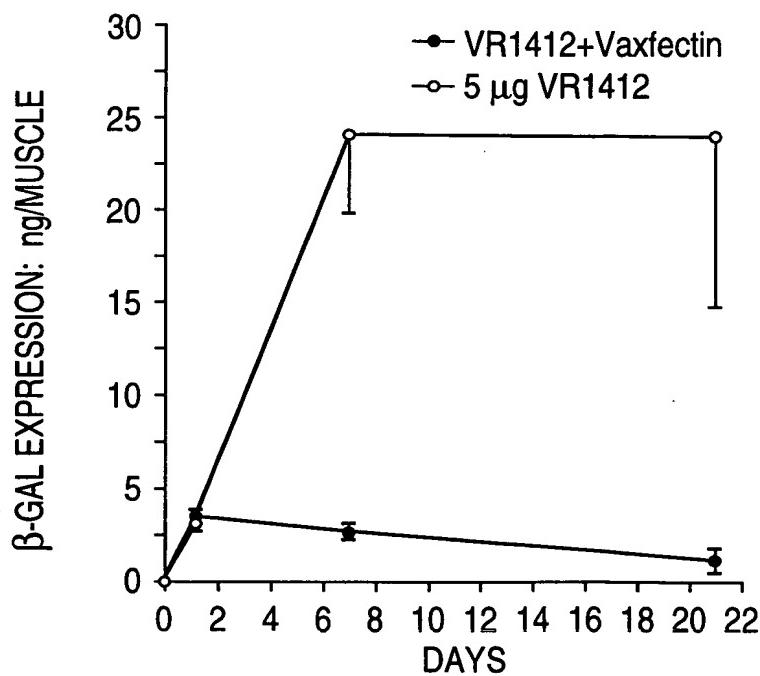


FIG. 9

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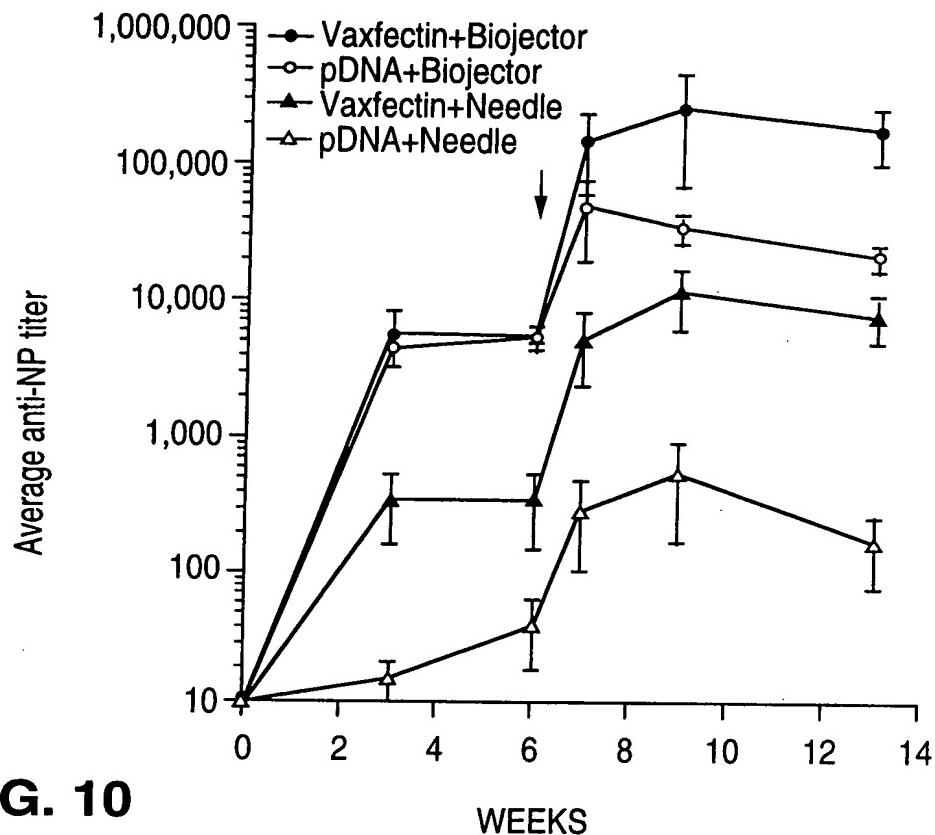


FIG. 10

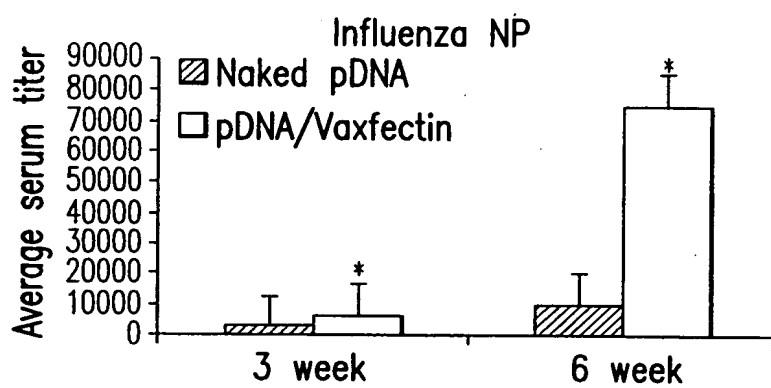


FIG. 11A

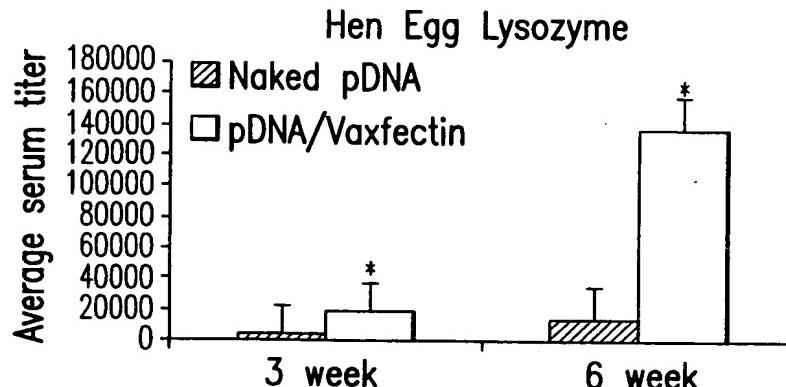
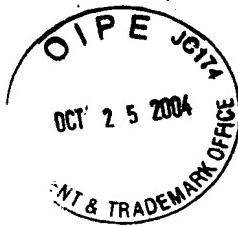


FIG. 11B



Sheet 10 of 13
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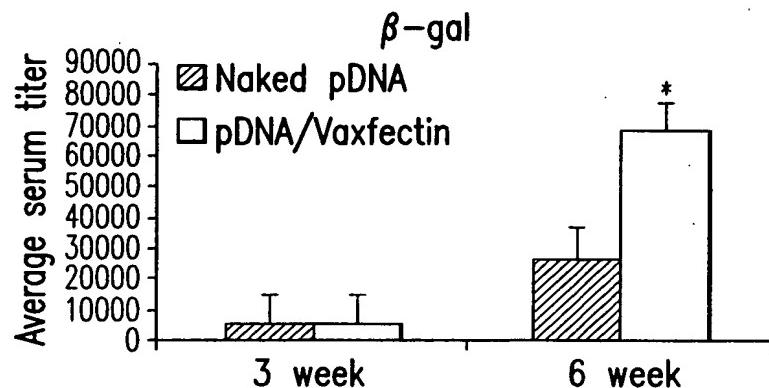


FIG. 11C

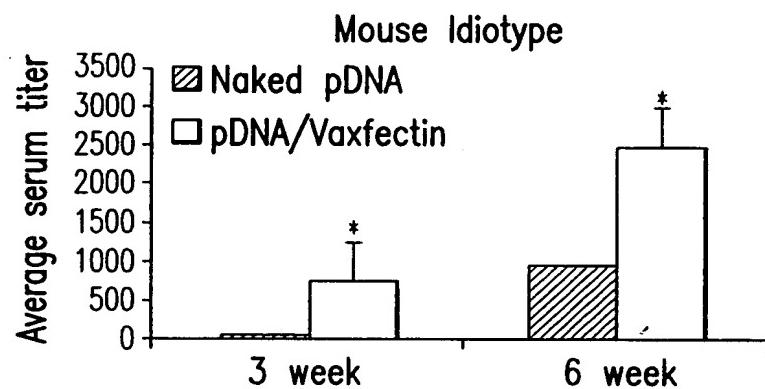


FIG. 11D

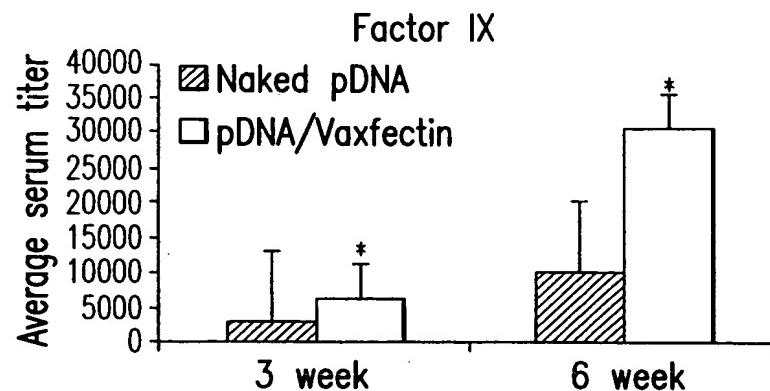


FIG. 11E

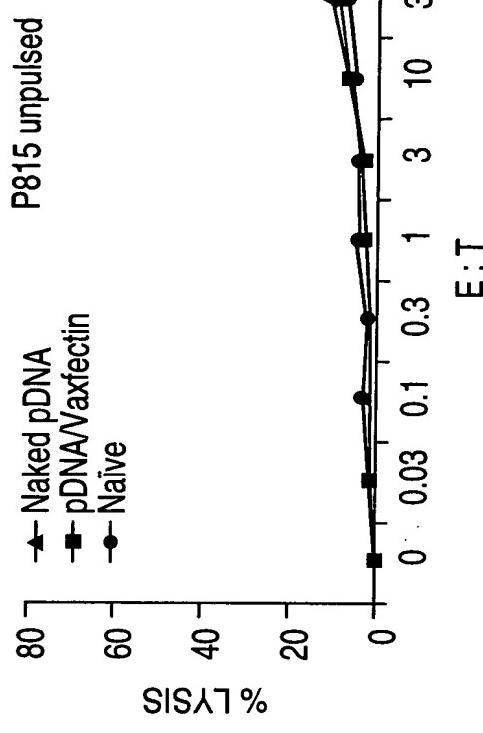


FIG. 12B

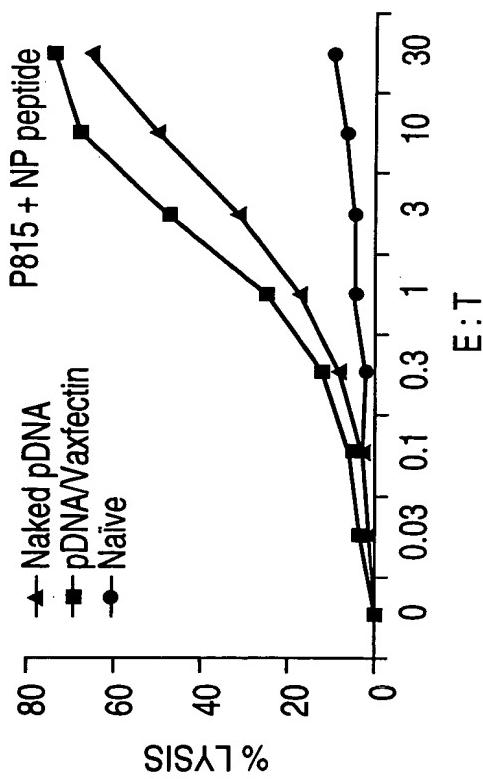


FIG. 12A

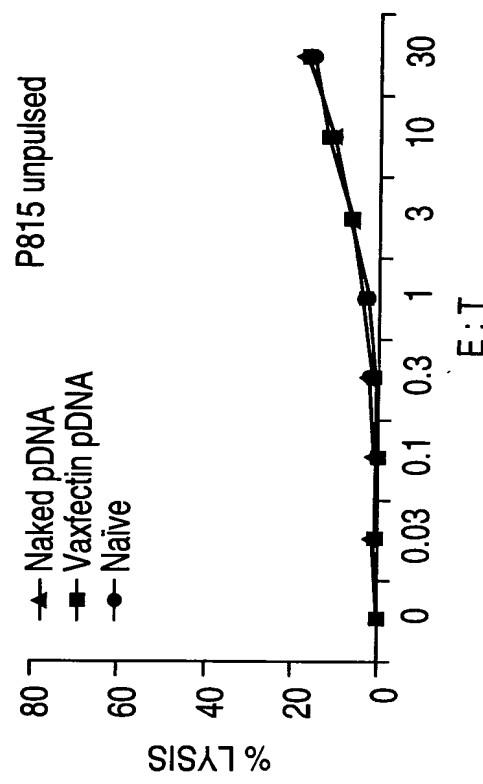


FIG. 12D

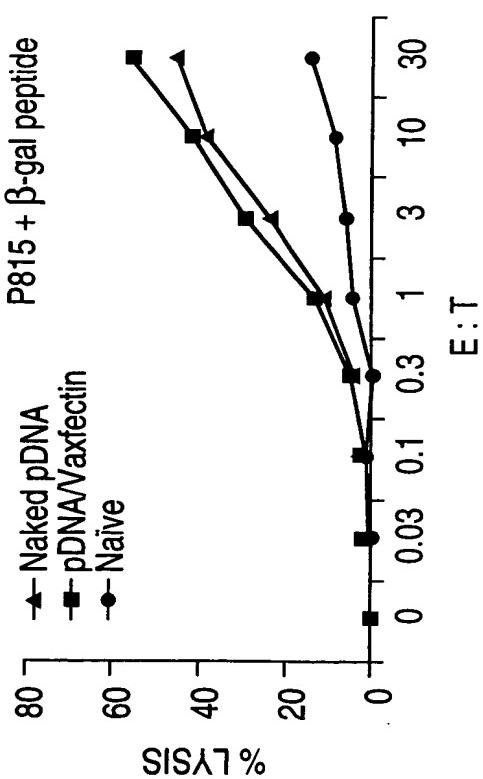


FIG. 12C



Sheet 12 of 13
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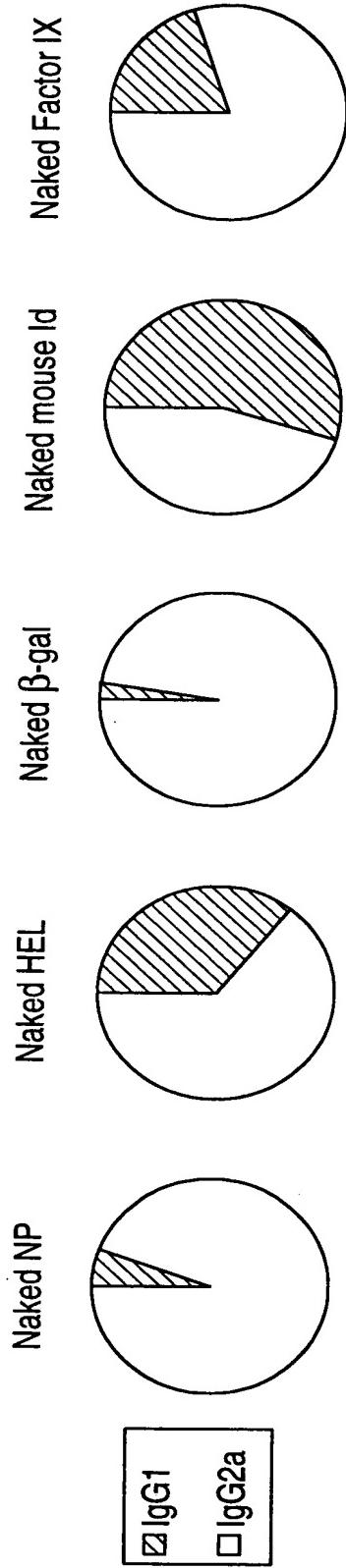


FIG. 13A

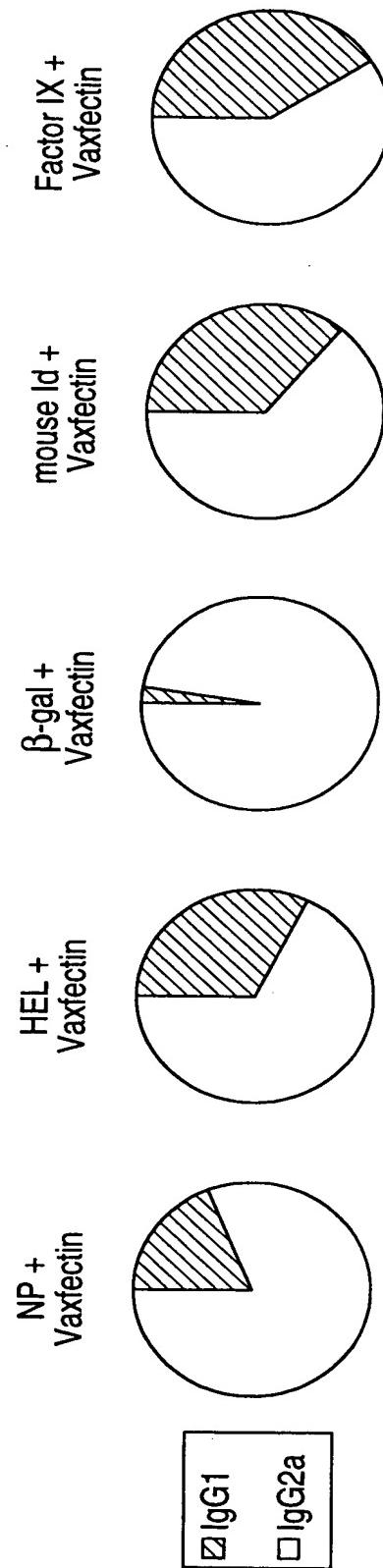


FIG. 13B

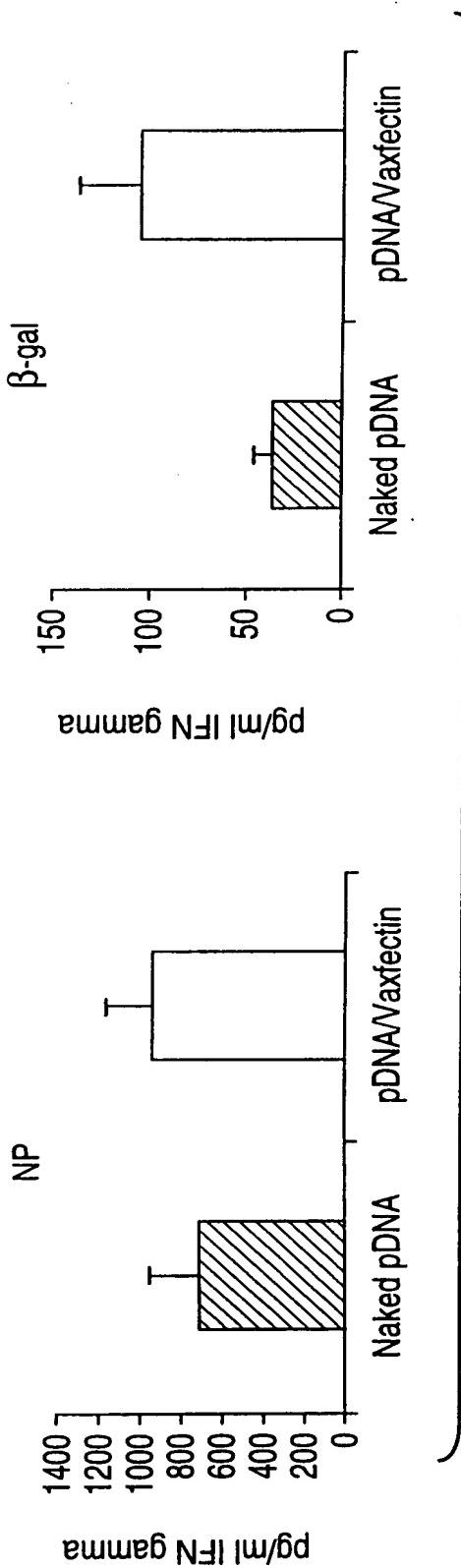


FIG. 14A

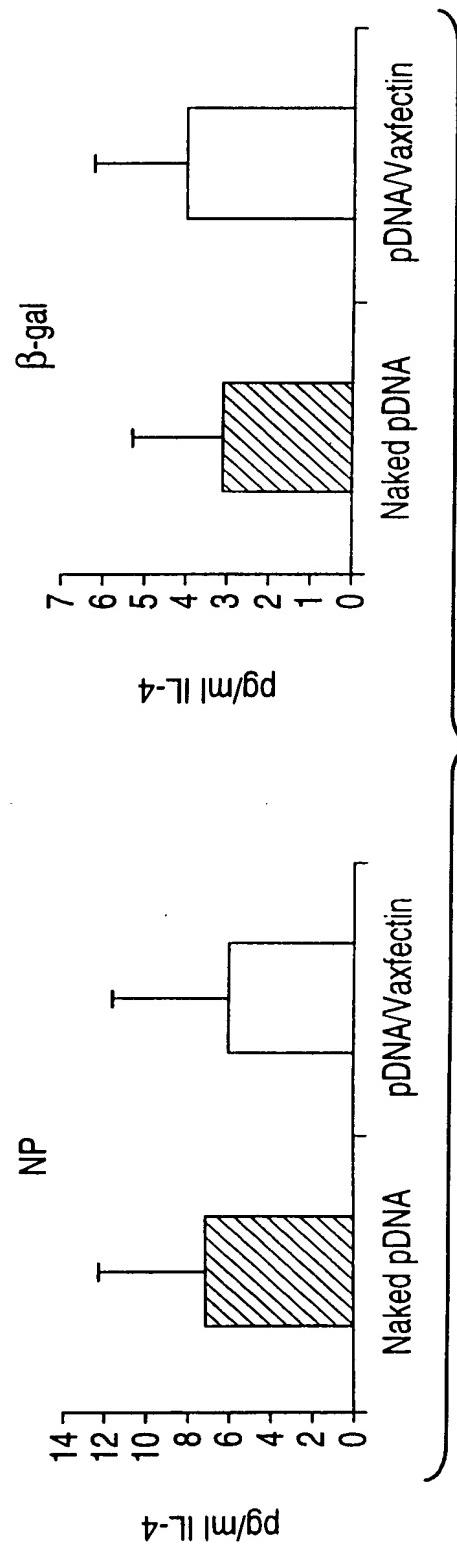


FIG. 14B